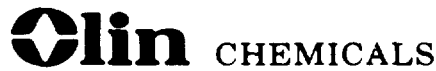


20258

48



LOWER RIVER RD., P.O. BOX 248, CHARLESTON, TN 37310

October 6, 1992

4 8 0011

VIA FEDERAL EXPRESS

Cheryl W. Smith
Senior Remedial Project Manager
United States Environmental Protection Agency
345 Courtland Street Northeast
Atlanta, Georgia 30365

Re: Remedial Technologies, Alternatives Screening
Technical Memorandum
Olin Chemicals/McIntosh Plant Site
McIntosh, Alabama

Dear Ms. Smith:

As part of the continuing preparation of the Feasibility Study for the subject site, the Remedial Technologies, Alternatives Screening Technical Memorandum (RTASTM) is being submitted today. This document builds on several previous submissions. The identification of candidate technologies and the evaluation of whether treatability testing would be required for OU-2 were presented in the Candidate Technologies Technical Memorandum (May 14, 1992). Tables 8 and 11 of today's submission are based on that document. A revised Remedial Action Objectives Technical Memorandum (RRAOTM) was submitted on April 30, 1992. The RRAOTM presented a list of remedial action objectives (RAOs) based on the preliminary results of the site characterization work and an evaluation of the potential Applicable or Relevant and Appropriate Requirements (ARARs). The RAOs are reiterated in today's submission as Table 5. The scope of this Remedial Technologies, Alternatives Screening Technical Memorandum (RTASTM) is as follows:

- Develop general response actions (GRAs)
- Identify, screen and select remedial technologies and process options;
and
- Assemble remedial alternatives.

The Candidate Technologies Technical Memorandum (CTTM) submitted to EPA on May 14, 1992, included candidate technologies only for Operable Unit 2. The CTTM was limited to OU-2 because Phase III sampling for OU-1 included samples likely to affect candidate technologies, whereas OU-2 Phase III samples were only to determine extent. Therefore, a more complete identification and evaluation of OU-1 candidate technologies could be conducted after completion of the Phase III activities.

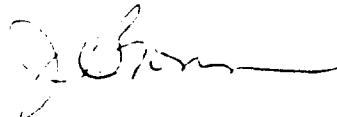
Today's submission includes the CTTM for OU-1 as part of the RTASTM to allow for evaluation of the Phase III data to appropriately select the OU-1 candidate technologies, with minimal impact to the overall RI/FS schedule (J.C. Brown, July 17, 1992). The candidate technology list for OU-1 is incorporated as Appendix A. The combined document is referred to as the RTASTM because the major emphasis is on screening the technologies and process options.

Future work on the feasibility study will include screening the assembled alternatives based on cost, effectiveness and implementability, and then conducting a detailed analysis of the alternatives that are retained after the screening process.

Please let me know if you have any questions regarding this submission or work in progress at McIntosh, Alabama.

Sincerely,

OLIN CORPORATION



J. C. Brown
Manager, Environmental Technology

\jcb\159
Enclosure

cc: W. A. Beal
D. E. Cooper (2)
W. J. Derocher
M. L. Fries (w/o att.)

W. G. McGlasson (w/o att.)
J. L. McIntosh (w/o att.)
T. B. Odom
R. A. Pettigrew